

FIG. 1A

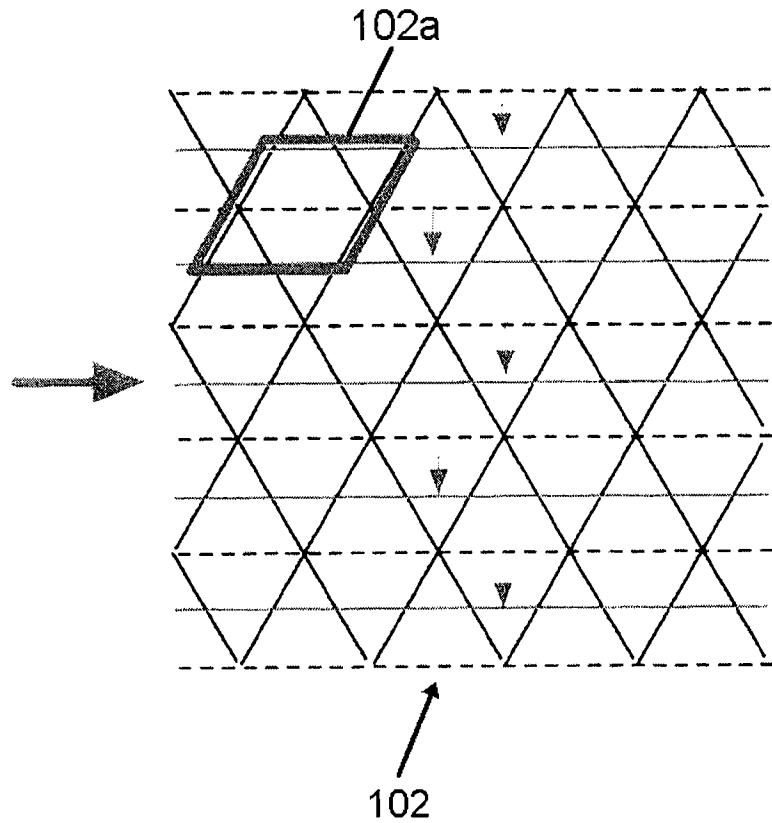
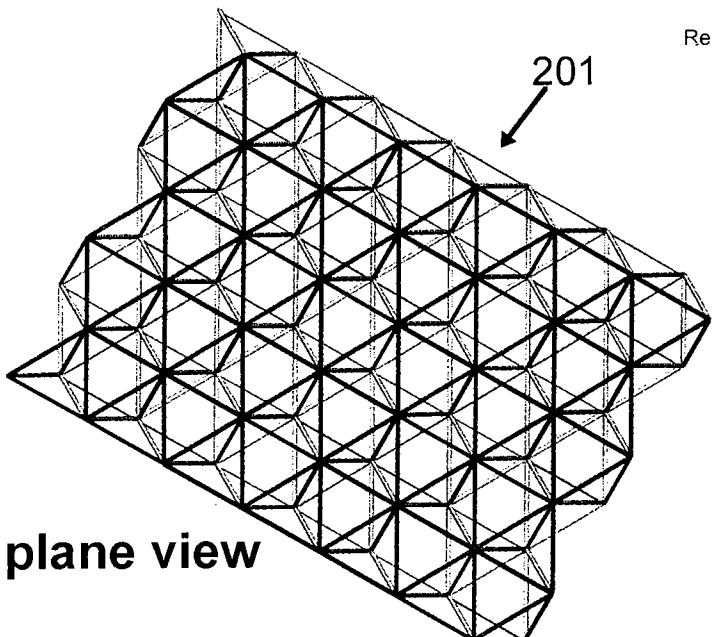
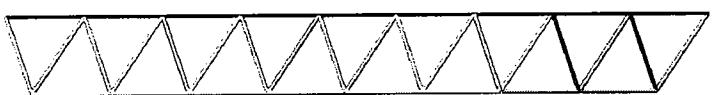


FIG. 1B

PRIOR ART

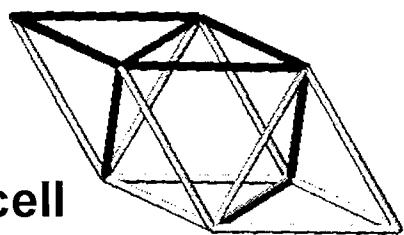


**FIG. 2A**



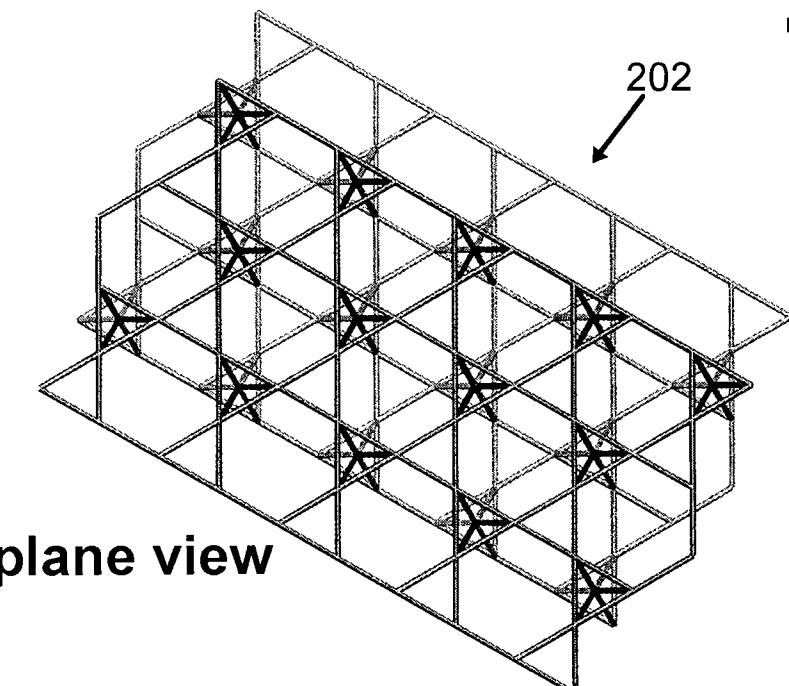
**FIG. 2B**

**side view**



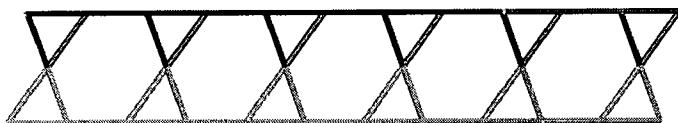
**FIG. 2C**

**PRIOR ART**

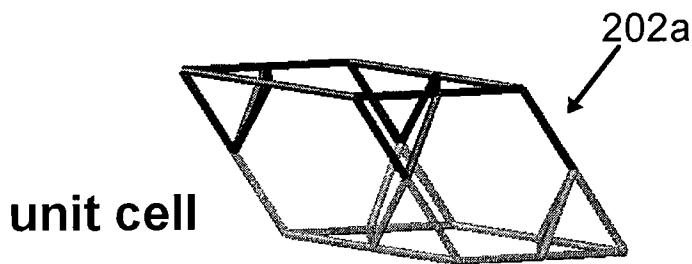


**plane view**

**FIG. 3A**



**side view**



**unit cell**

**FIG. 3C**

**PRIOR ART**

heating

transient liquid-phase bonding

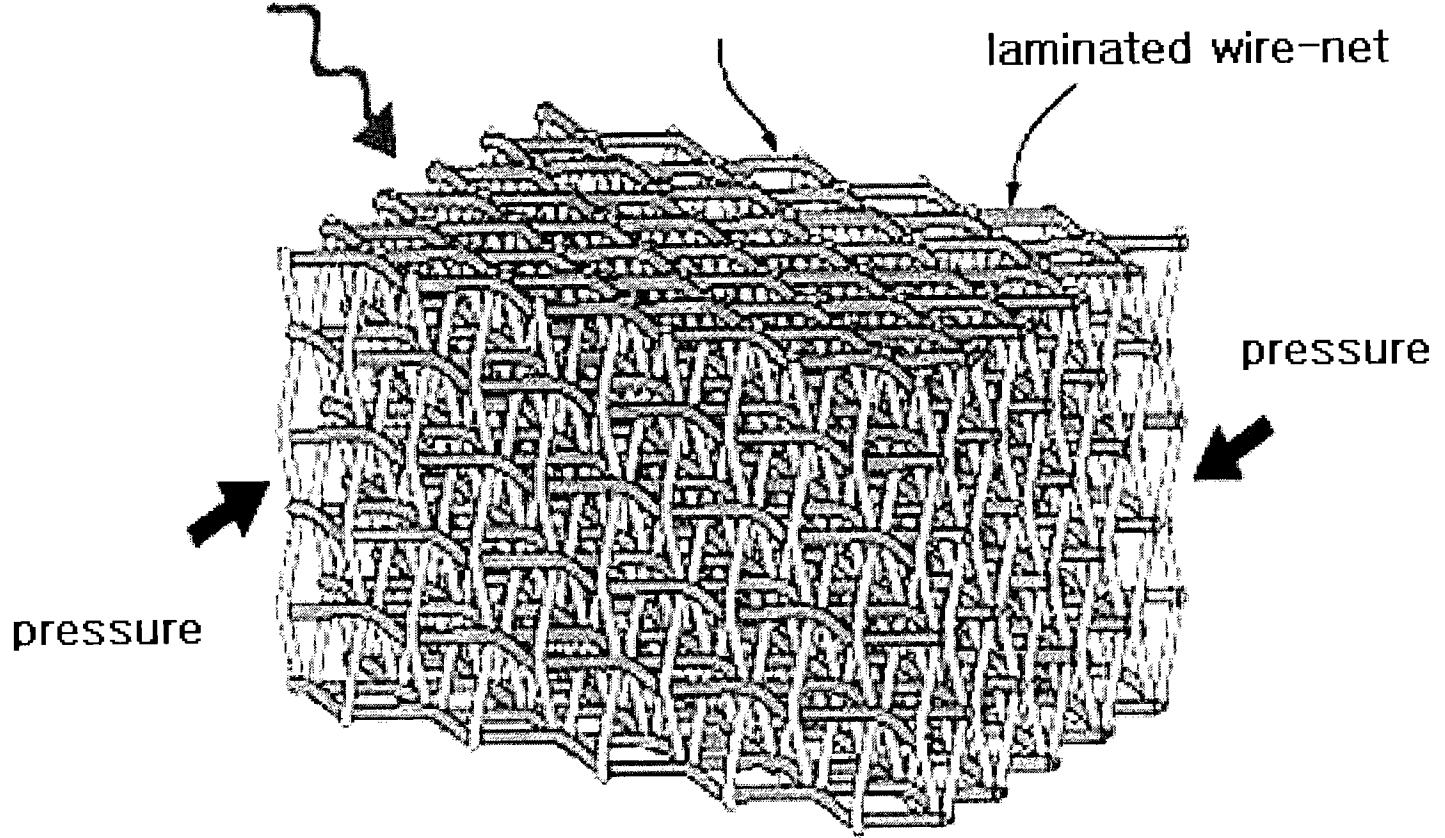
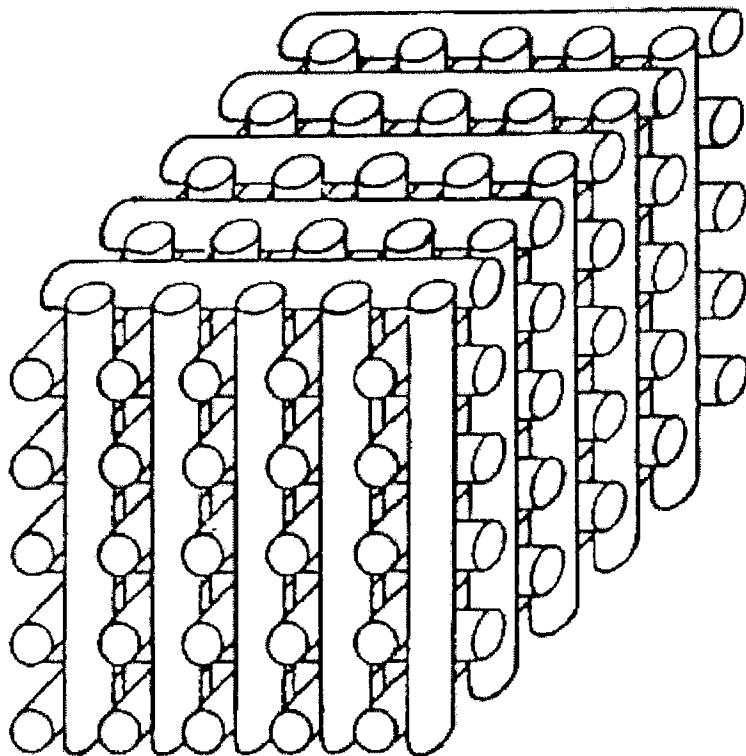
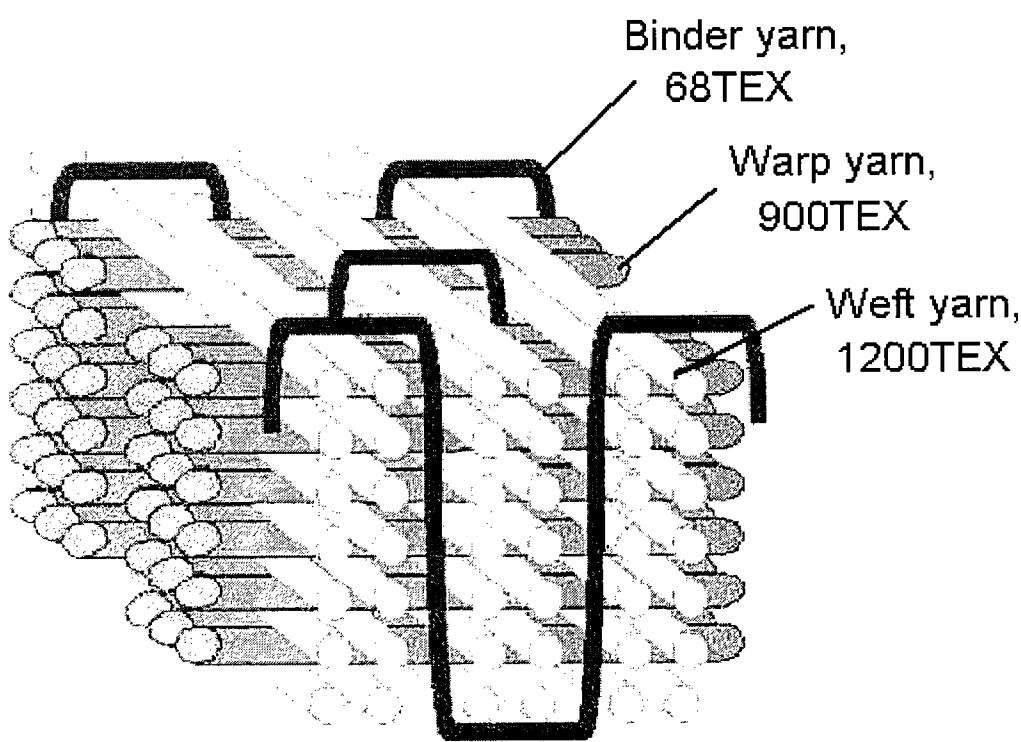


Figure 4

PRIOR ART

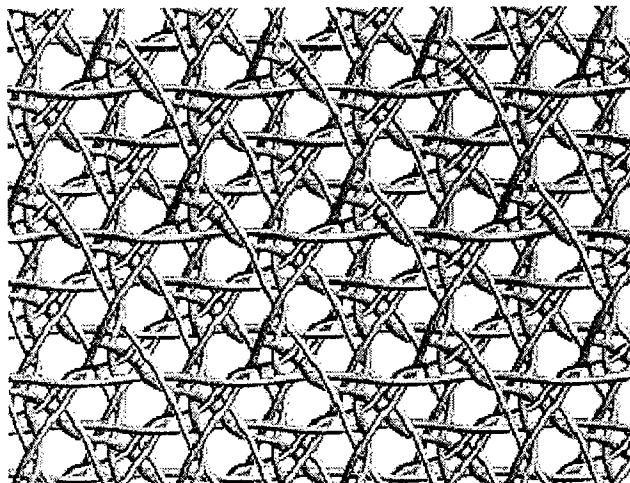


**FIG. 5A**

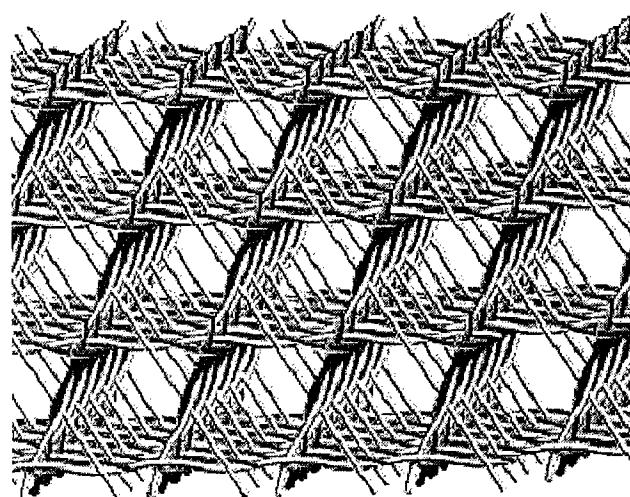


**FIG. 5B**

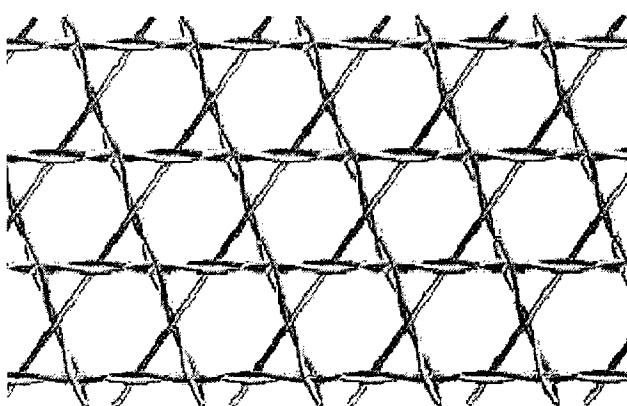
**PRIOR ART**



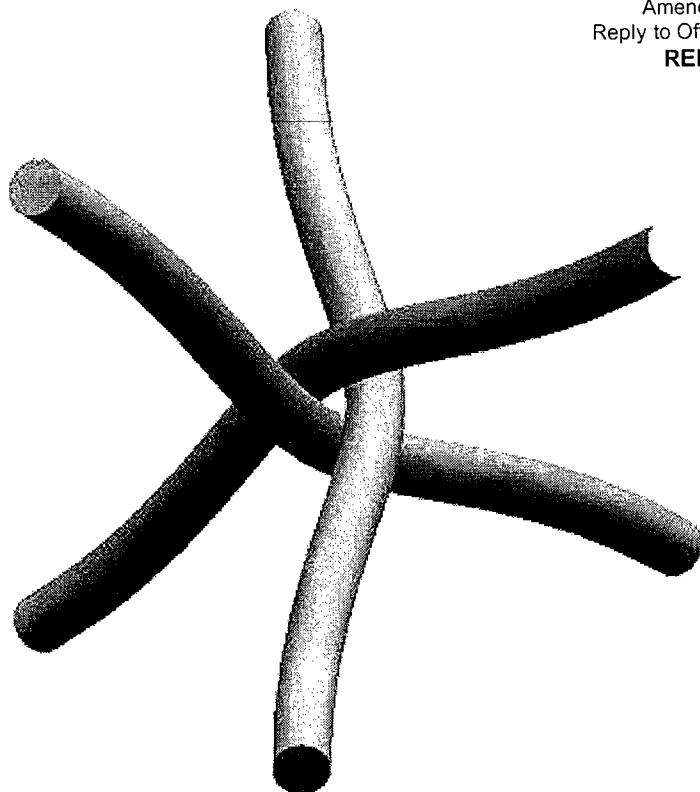
**FIG. 10A**



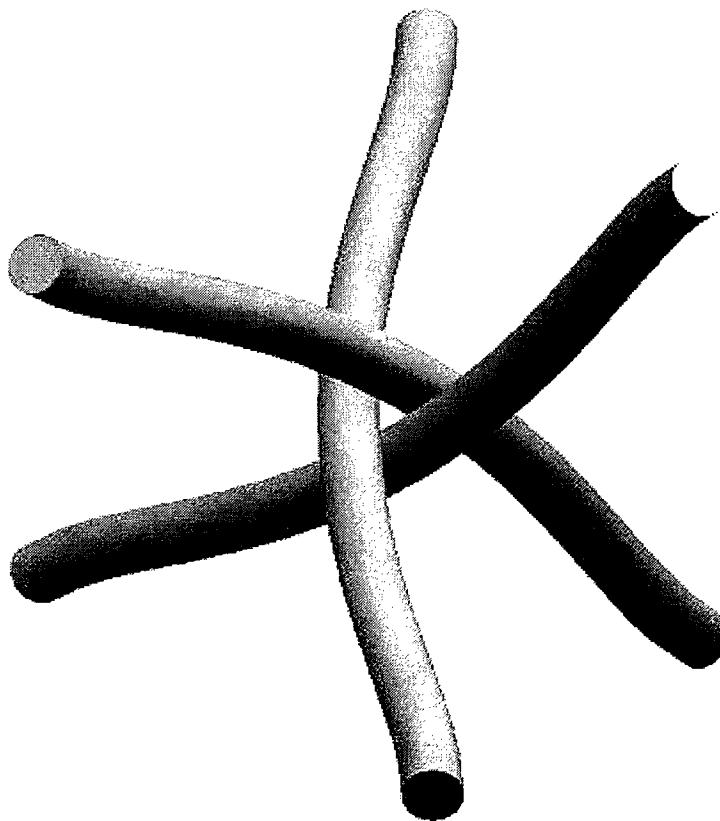
**FIG. 10B**



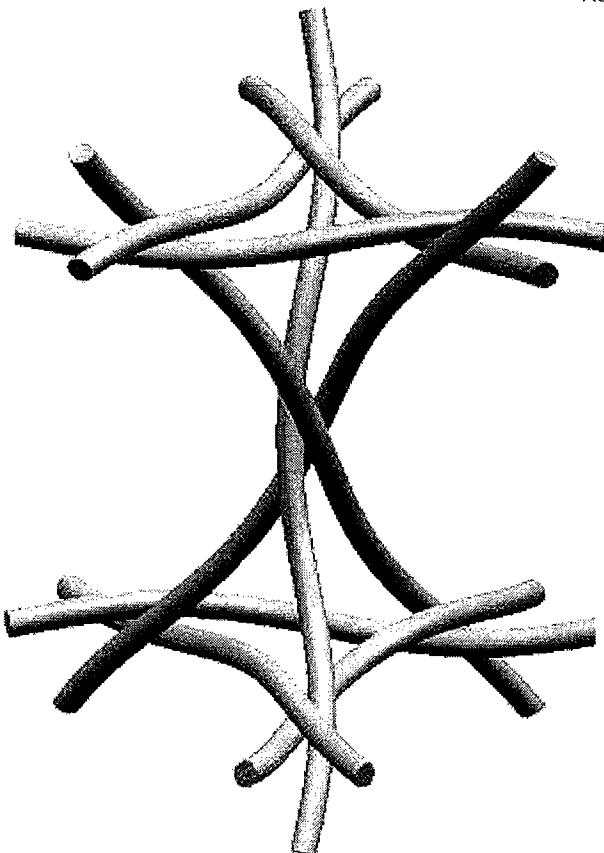
**FIG. 10C**



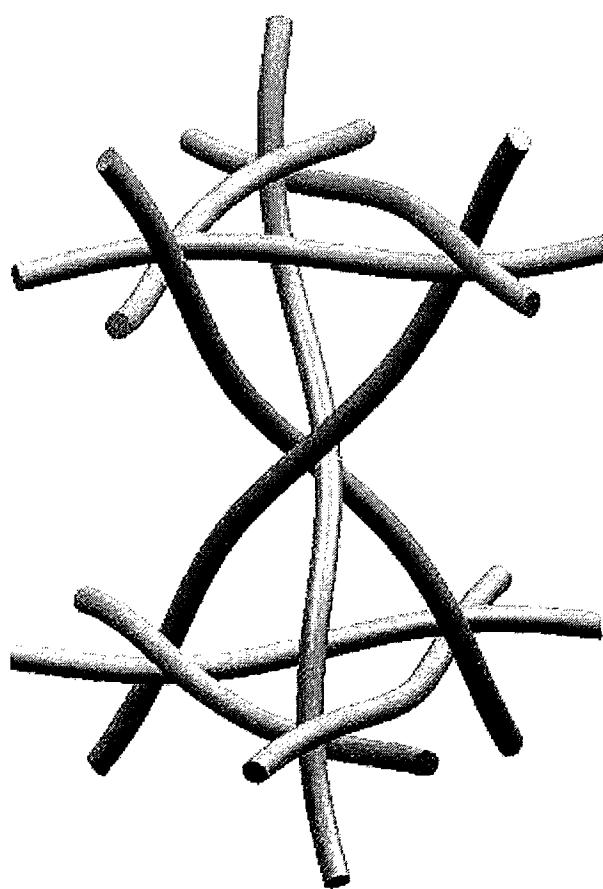
**FIG. 11A**



**FIG. 11B**



**FIG. 12A**



**FIG. 12B**